

WHAT IS CLAIMED IS:

1. A measuring instrument for measuring a video signal level,

the measuring instrument comprising:

a) means which is fed with a video output signal including a luminance signal and a color-difference signal from a video camera for shooting an object, and which performs RGB processing on the video output signal to generate graphic data,

b) means for measuring a video signal level on a position specified in the graphic data, and generating video signal level data, and

c) means for generating display data including the graphic data and the video signal level data.

2. The measuring instrument according to claim 1, further comprising:

d) means for receiving position data corresponding to the position from a display device for displaying a video signal level, and

e) means for transmitting the display data to the display device.

3. The measuring instrument according to claim 2, wherein the means d) receives the position data via a radio wave, and

the means e) transmits the display data via a radio wave.

4. The measuring instrument according to claim 1, further comprising f) means for deciding whether the video

signal level is within a predetermined range and generating decision data,

wherein the means c) generates the display data further including the decision data.

5. The measuring instrument according to claim 4, wherein the means b) generates the video signal level data made up of video signal level data of red, green, and blue, and

the means f) generates the decision data made up of decision data of red, green, and blue.

6. The measuring instrument according to claim 4, wherein the means b) generates the video signal level data including at least a luminance or color-difference component, and

the means f) generates the decision data including at least a luminance or color-difference component.

7. The measuring instrument according to claim 2, wherein the means c) generates the display data in a Web contents data format, and

the means e) transmits the display data in the Web contents data format.

8. The measuring instrument according to claim 1, further comprising g) means for generating pointer data corresponding to a position specified in the graphic data,

wherein the means c) generates the display data further including the pointer data.

9. The measuring instrument according to claim 1, further comprising h) means for enlarging or reducing the

graphic data under a magnification corresponding to specified magnification data, the graphic data being generated by the means a),

wherein the means c) generates the display data including enlarged or reduced graphic data.

10. The measuring instrument according to any one of claims 1 to 9, wherein the measuring instrument is a waveform monitor.

11. A display device for displaying a video signal level, the display device, comprising:

a) means for receiving display data including graphic data and video signal level data from a measuring instrument for measuring a video signal level,

b) means for visualizing the display data and displaying an image and a video signal level,

c) means for specifying a position in the displayed image and generating position data, and

d) means for transmitting the position data to the measuring instrument.

12. The display device according to claim 11, wherein the means a) receives the display data via a radio wave, and

the means d) transmits the position data via a radio wave.

13. The display device according to claim 11, wherein the means a) receives the display data further including decision data indicating whether the video signal level is within a predetermined range, and

the means b) visualizes the display data further

including the decision data and also displays a decision.

14. The display device according to claim 13, wherein the means a) receives the display data including the video signal level data and the decision data, the video signal level data being made up of video signal level data of red, green, and blue, and the decision data being made up of decision data of red, green, and blue, and

the means b) visualizes the display data and displays a video signal level made up of video signal levels of red, green, and blue and a decision made up of decisions of red, green, and blue.

15. The display device according to claim 13, wherein the means a) receives the display data including the video signal level data and the decision data, the video signal level data including at least a luminance or color-difference component, and the decision data including at least a luminance or color-difference component, and

the means b) visualizes the display data and displays a video signal level including at least a luminance or color-difference component and a decision including at least a luminance or color-difference component.

16. The display device according to claim 11, further comprising a Web browsing function,

wherein the means a) receives the display data in a Web contents data format, and

the means b) visualizes the display data in the Web contents data format by using the Web browsing function.

17. The display device according to claim 16, wherein the

display device is a PDA (Personal Data Assistant).

18. The display device according to claim 11, further comprising e) means for generating pointer data corresponding to a position specified in the graphic data, and generating the display data further including the pointer data.

19. The display device according to claim 11, further comprising f) means which specifies a magnification for enlarging or reducing an image and generates magnification data,

wherein the means d) transmits the magnification data to the measuring instrument, and

the means a) receives the display data including enlarged or reduced graphic data from the measuring instrument.